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FIG. 1

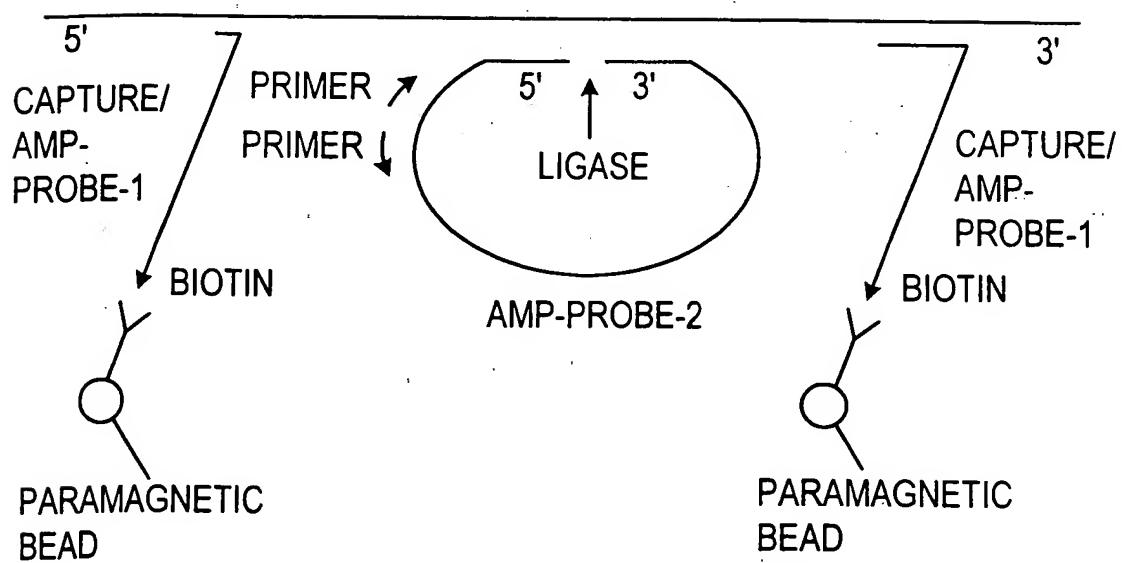
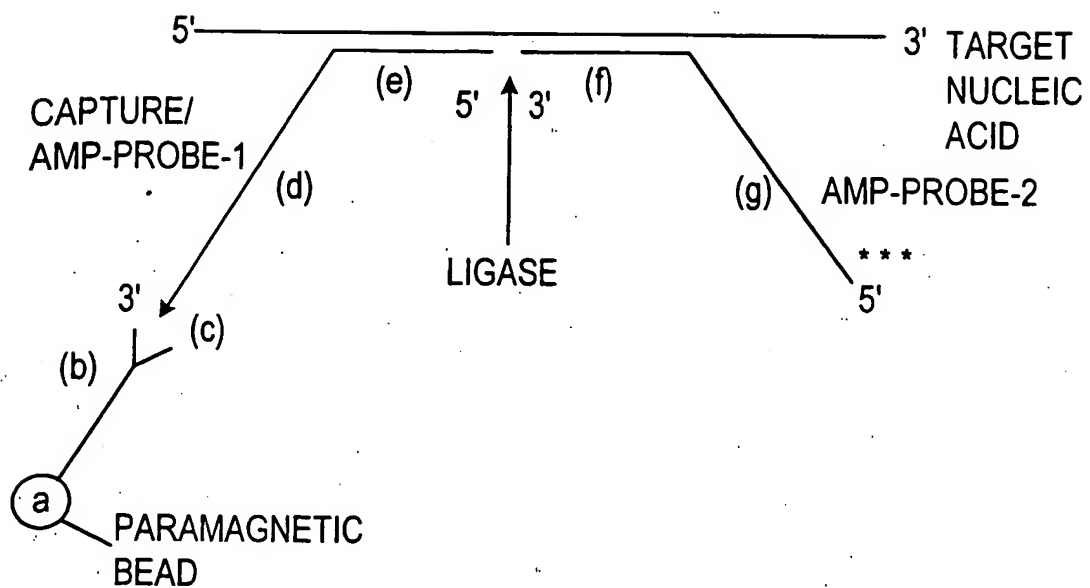


FIG. 7

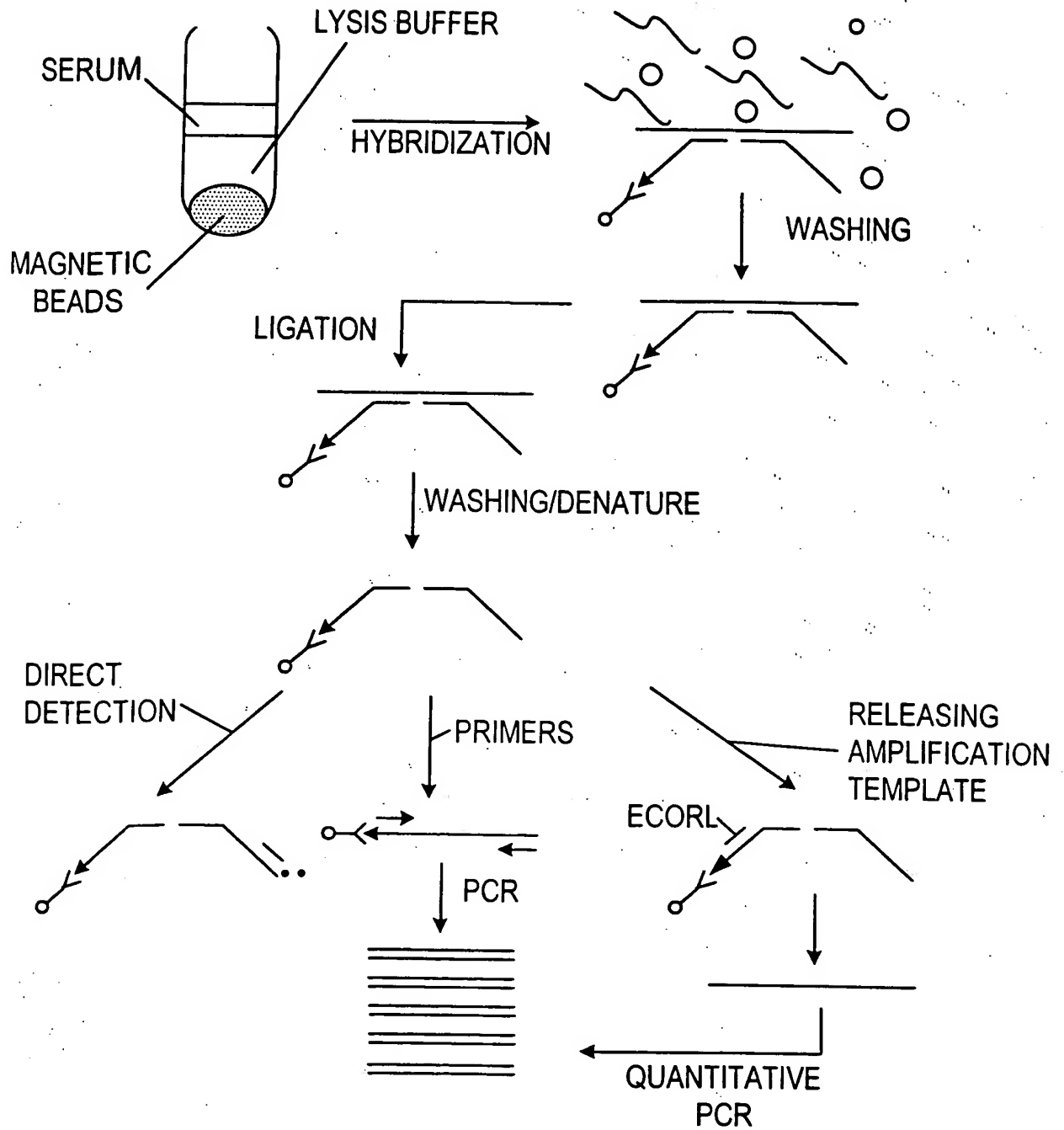


FIG. 2

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A B



FIG. 3

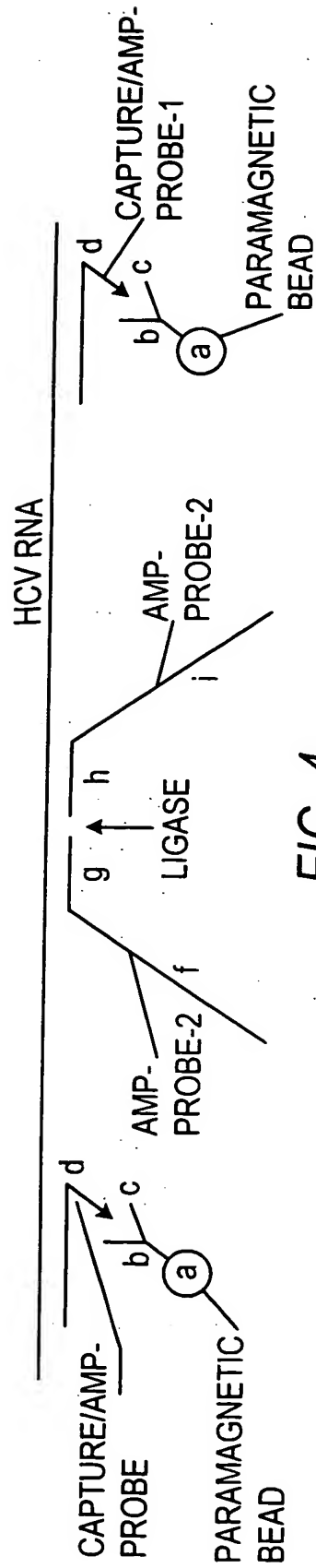


FIG. 4

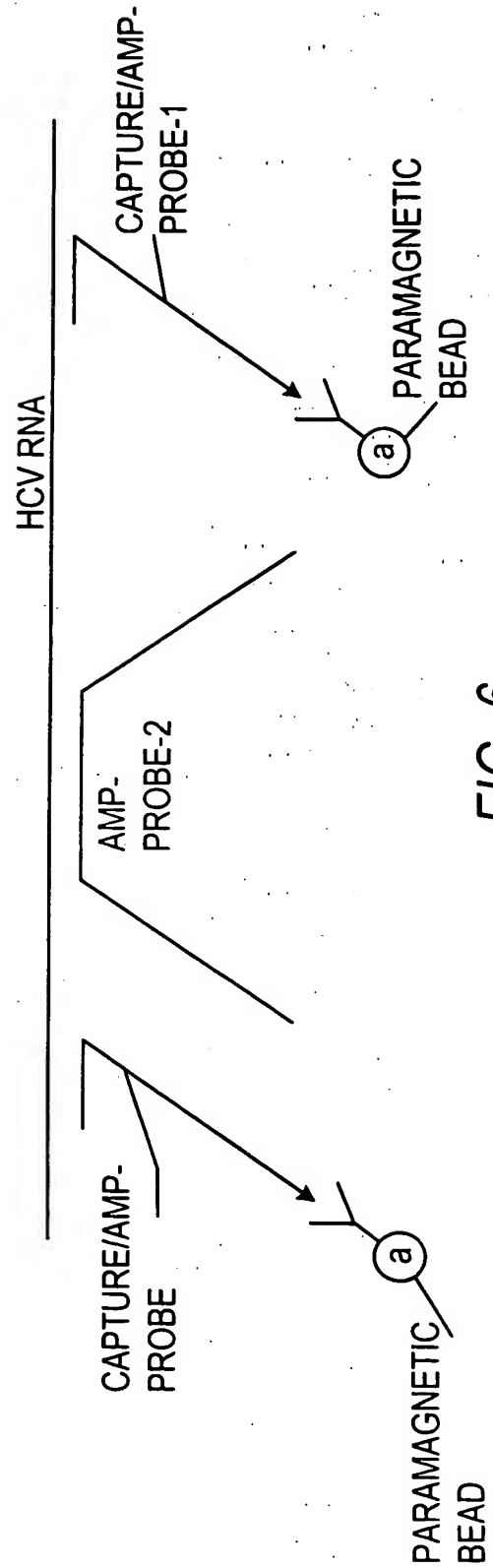
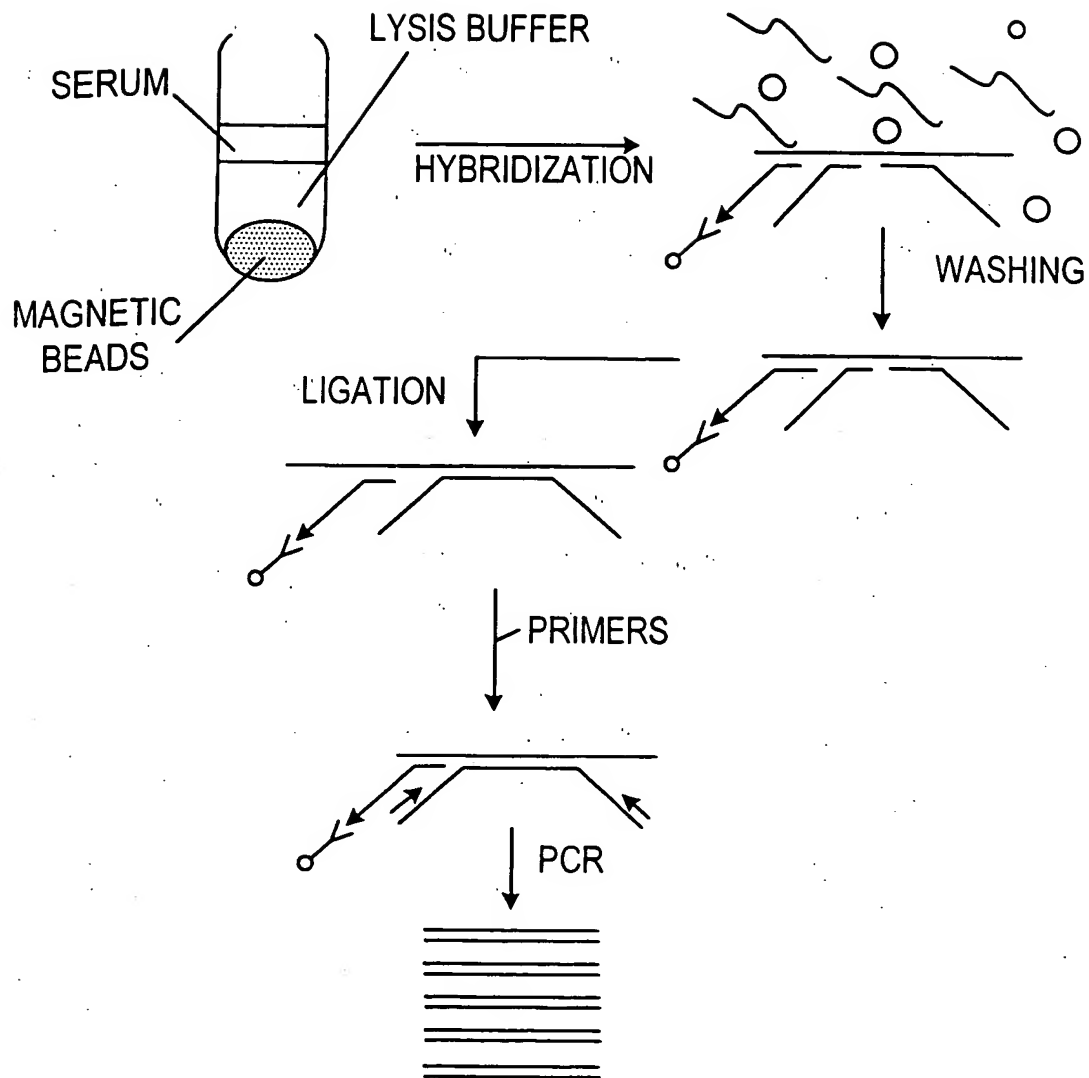


FIG. 6

**FIG. 5**

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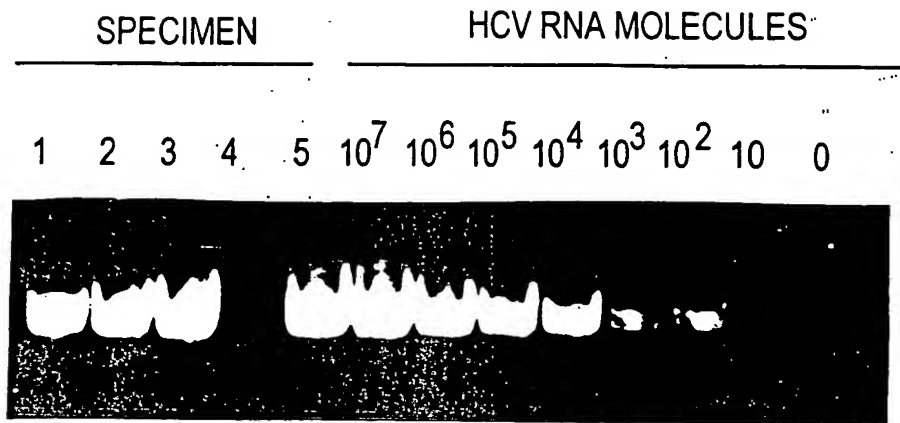


FIG. 8

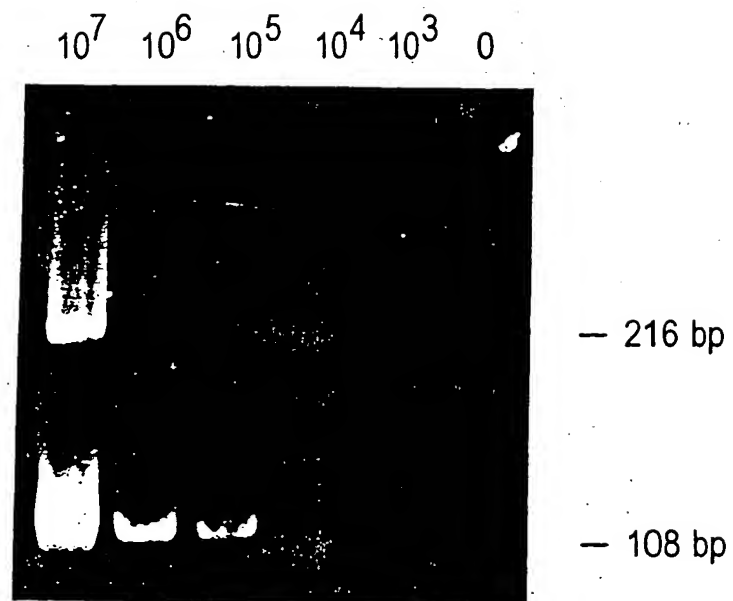


FIG. 9

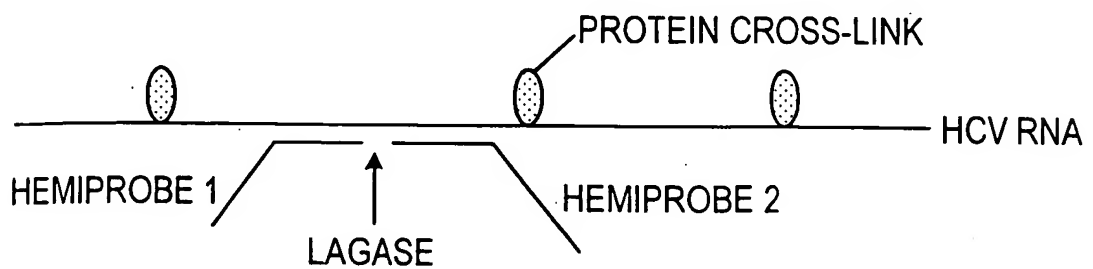
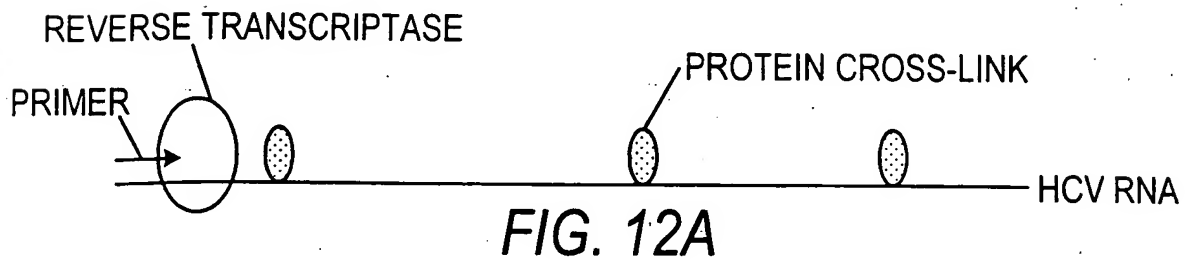
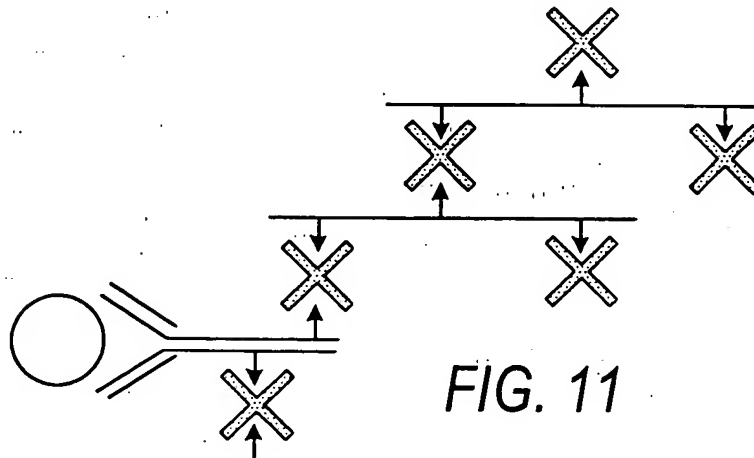
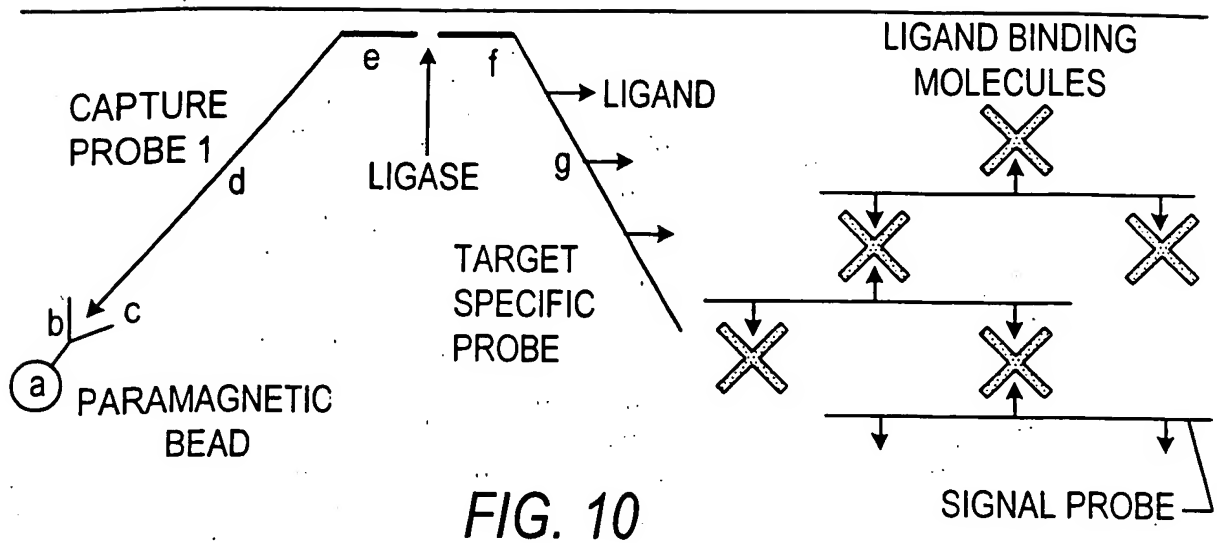


FIG. 12B

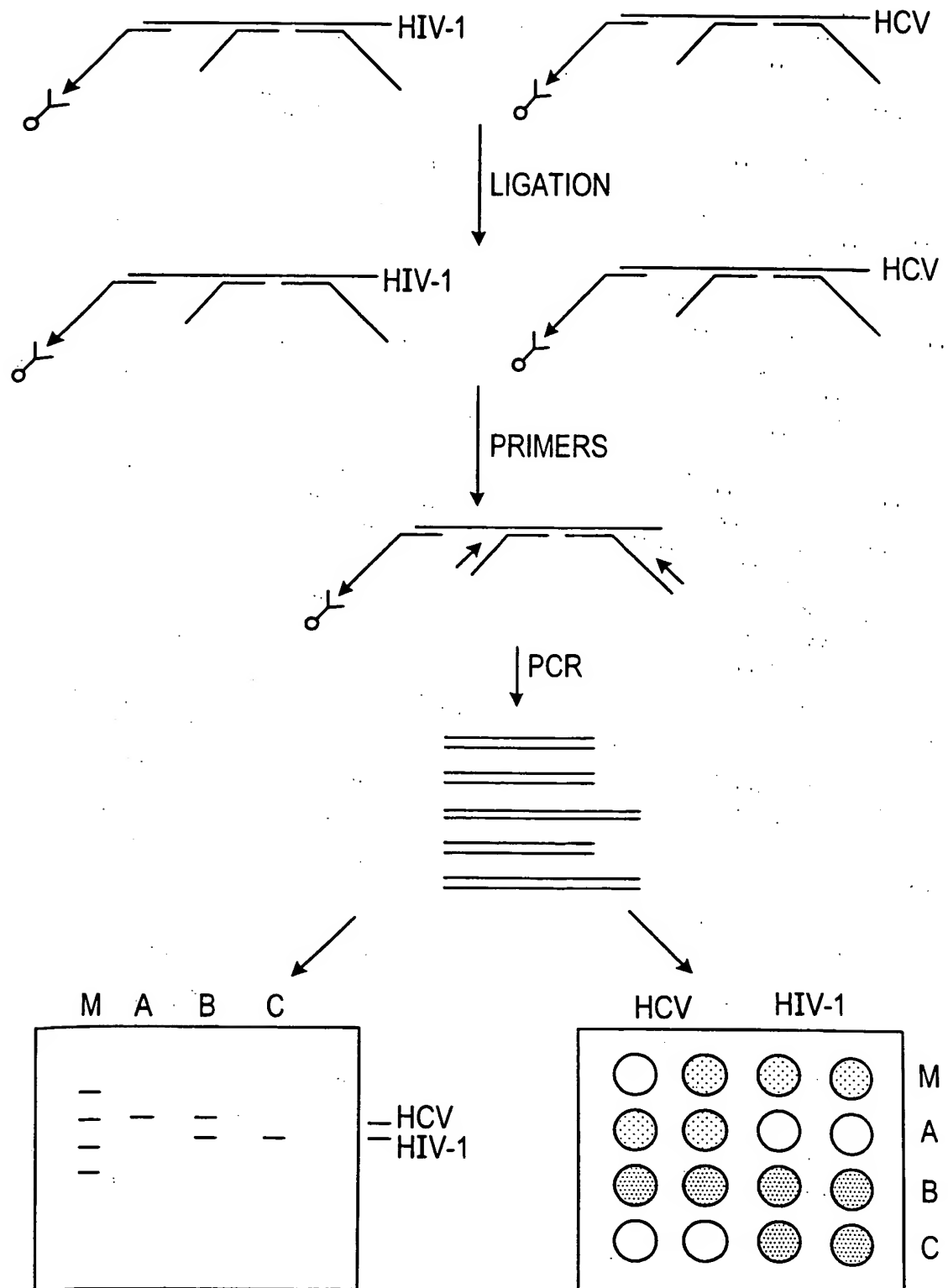


FIG. 13

FIG. 14

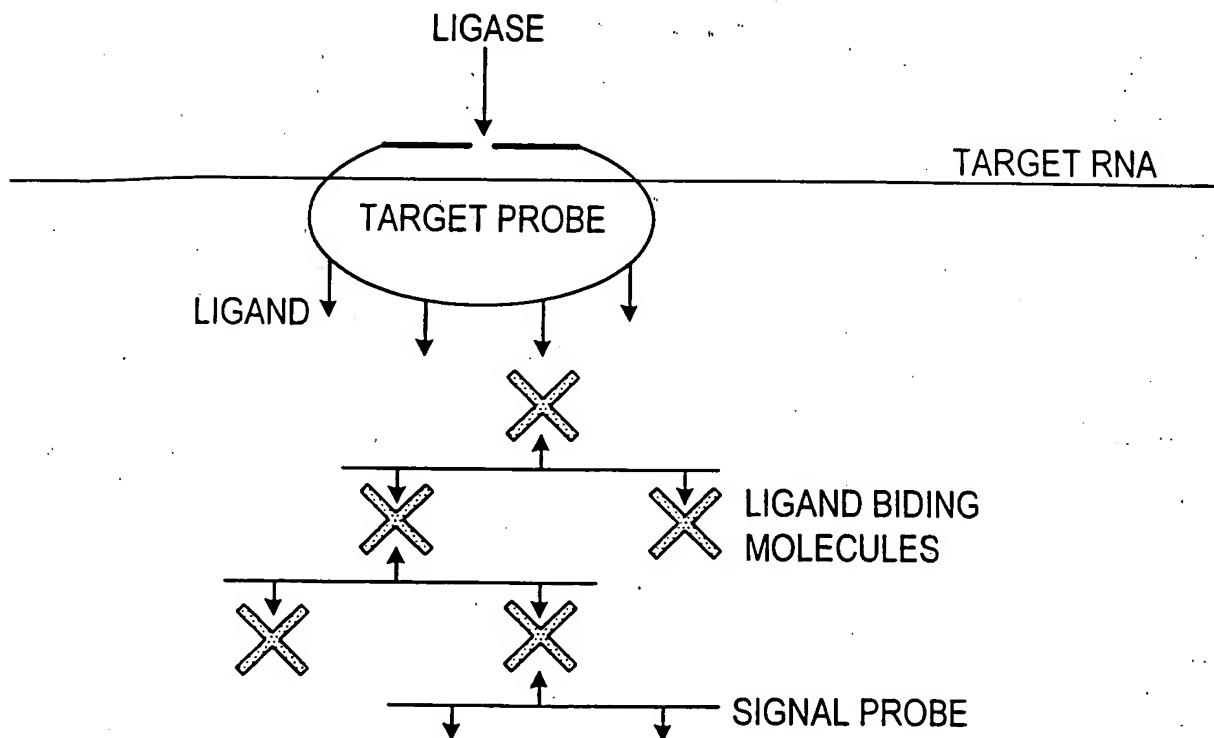
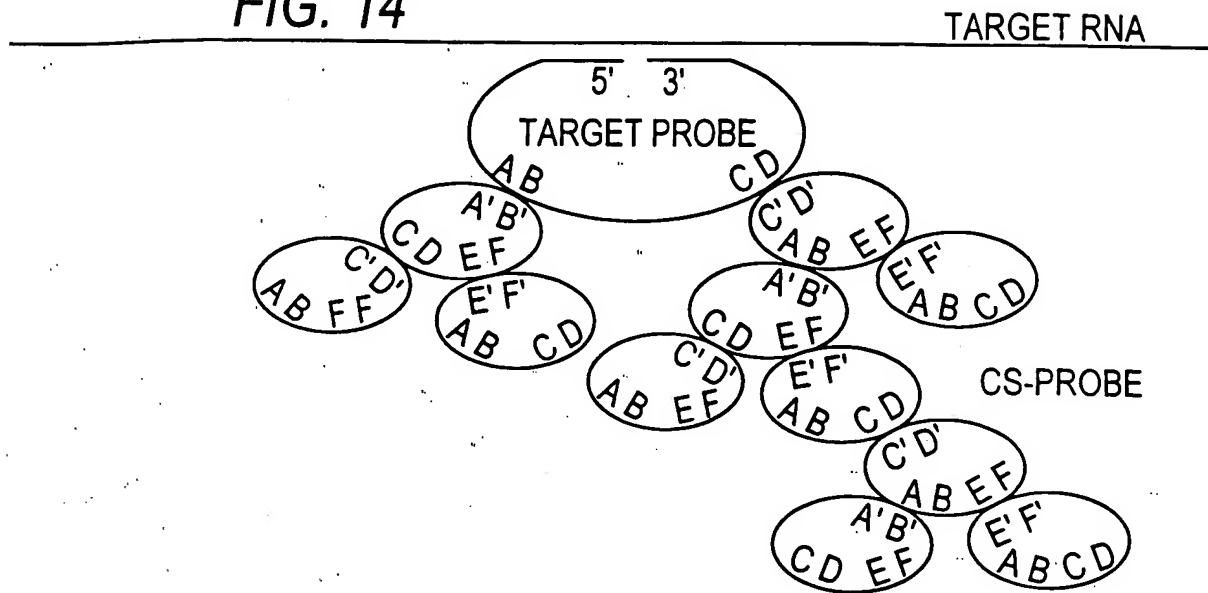


FIG. 15

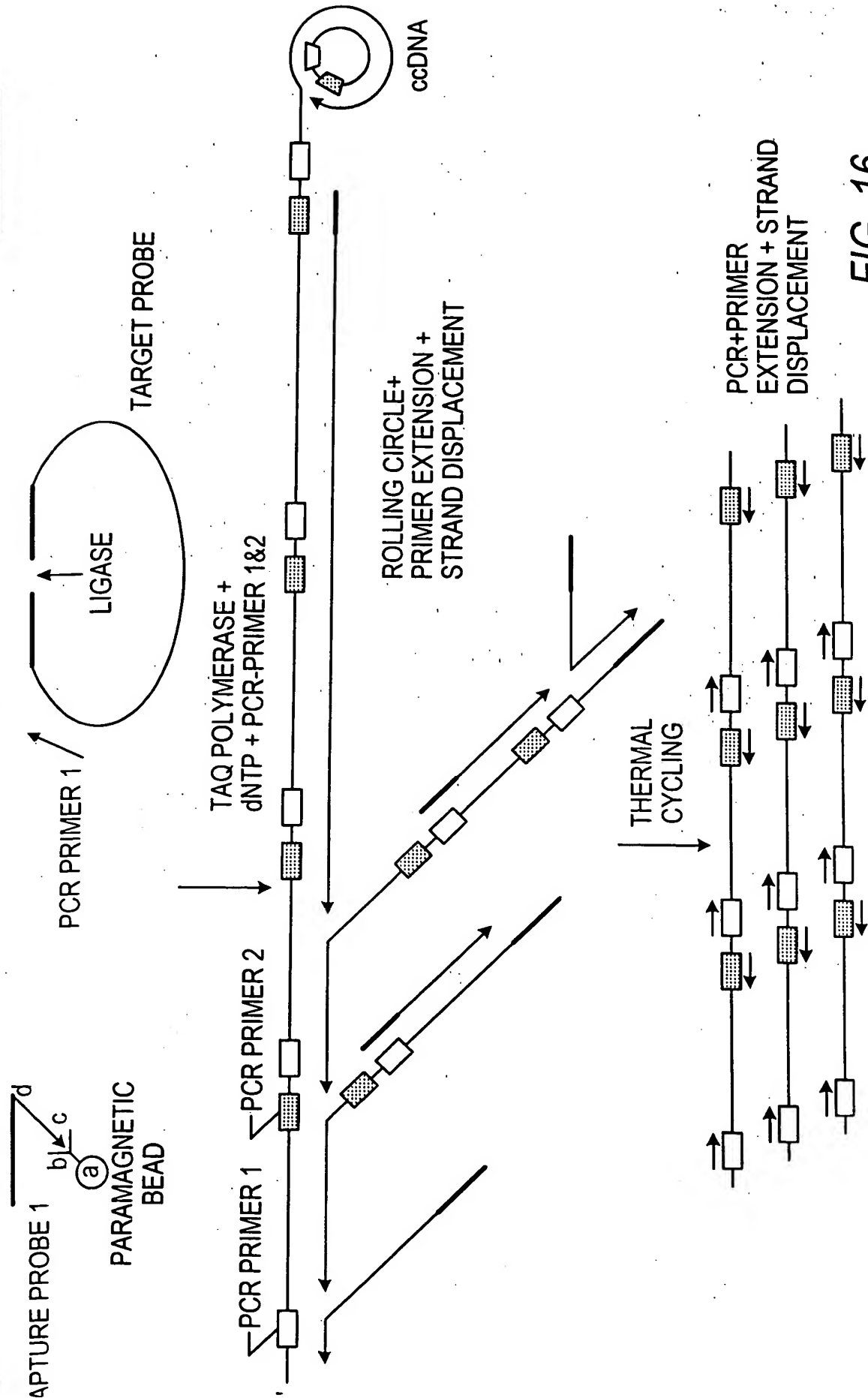


FIG. 16

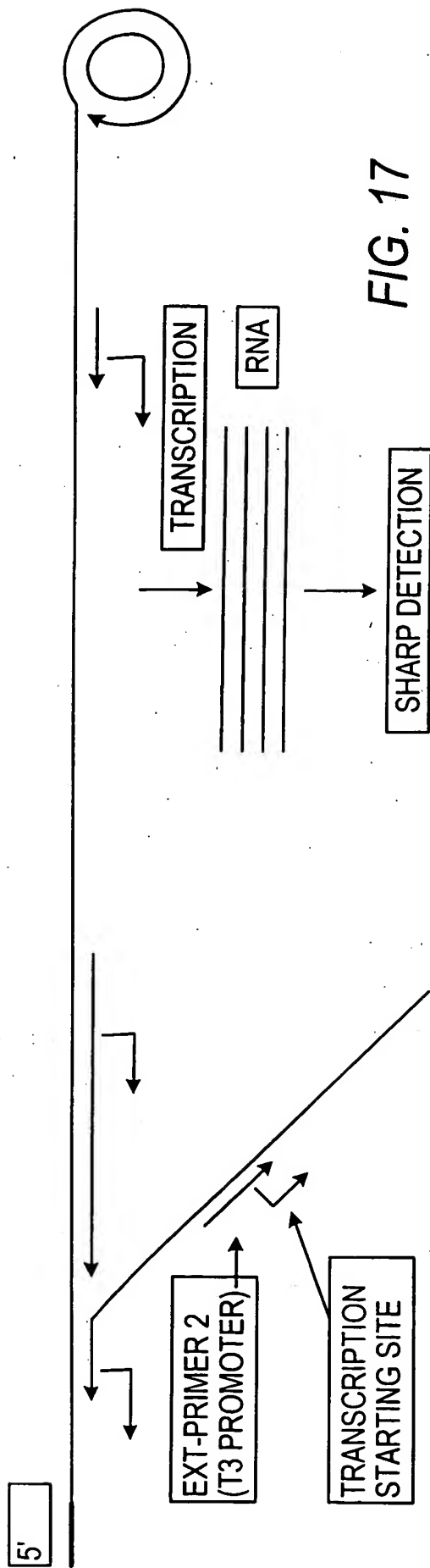


FIG. 17

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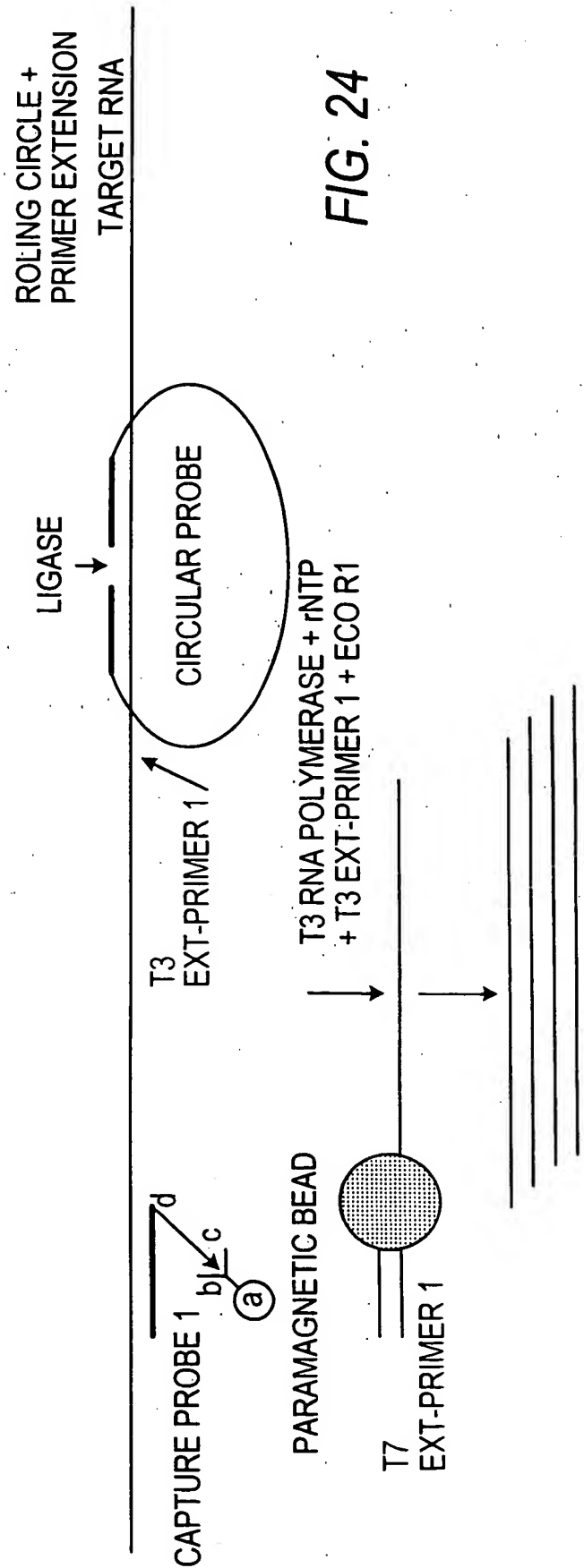


FIG. 24

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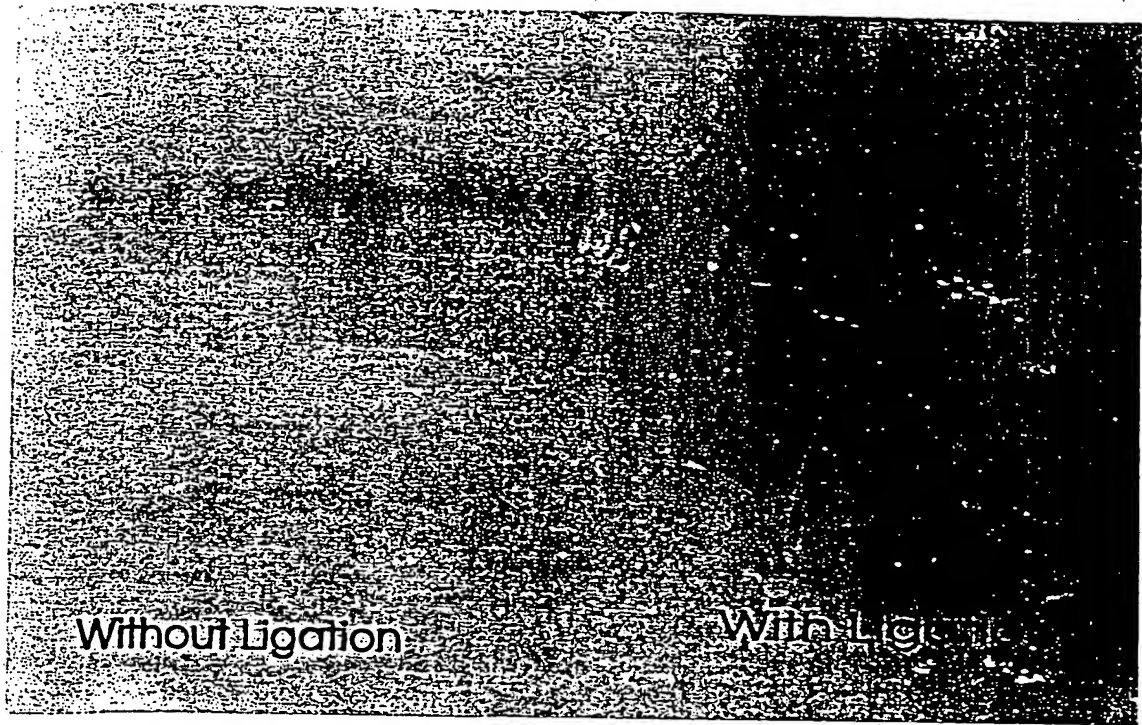
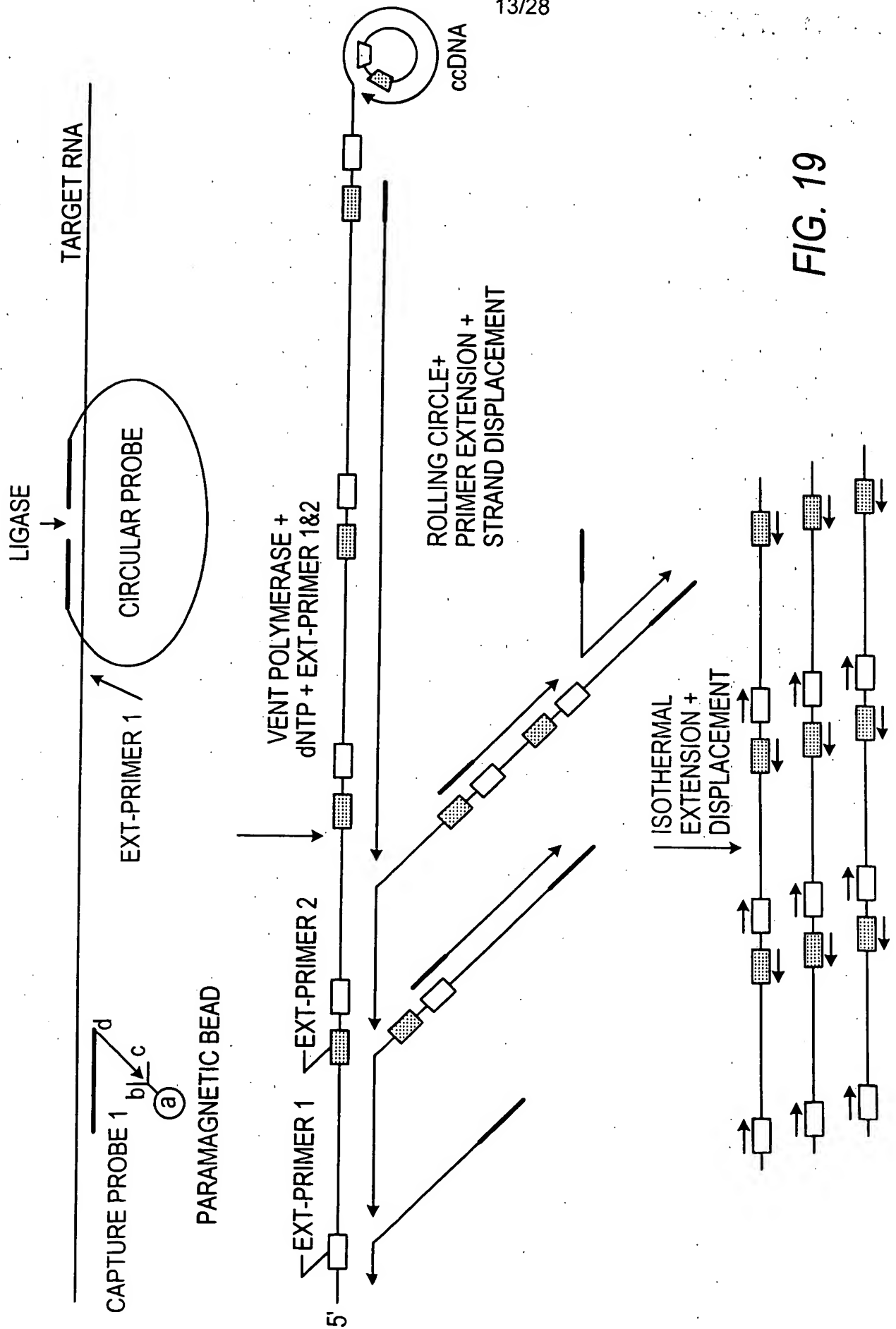


FIG.18



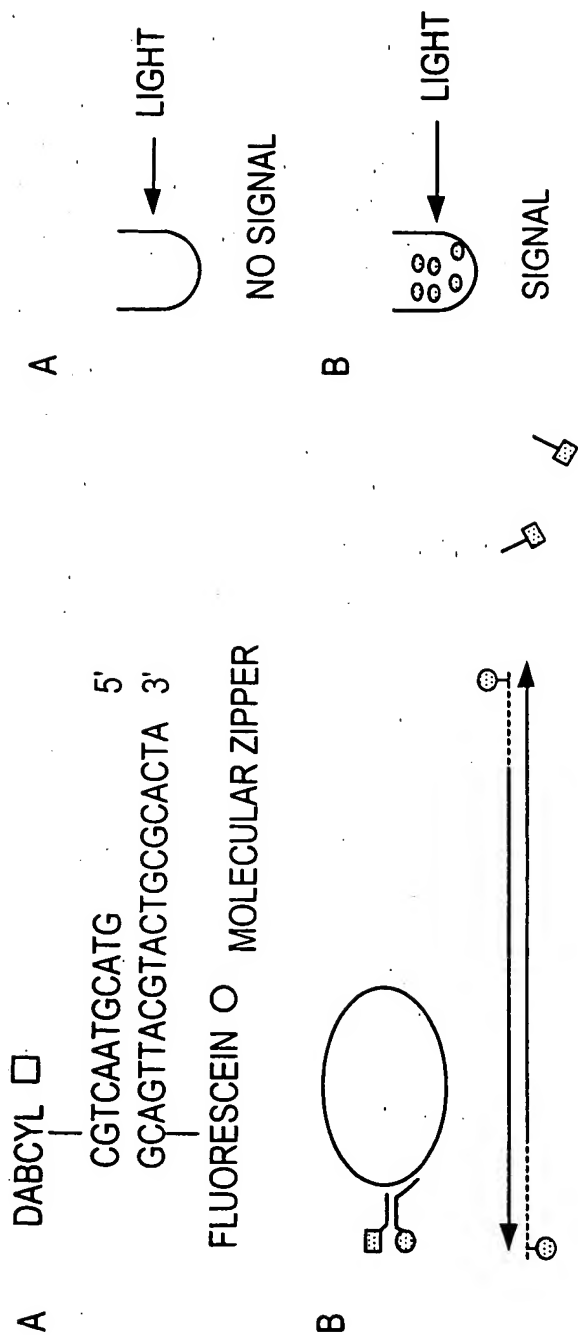
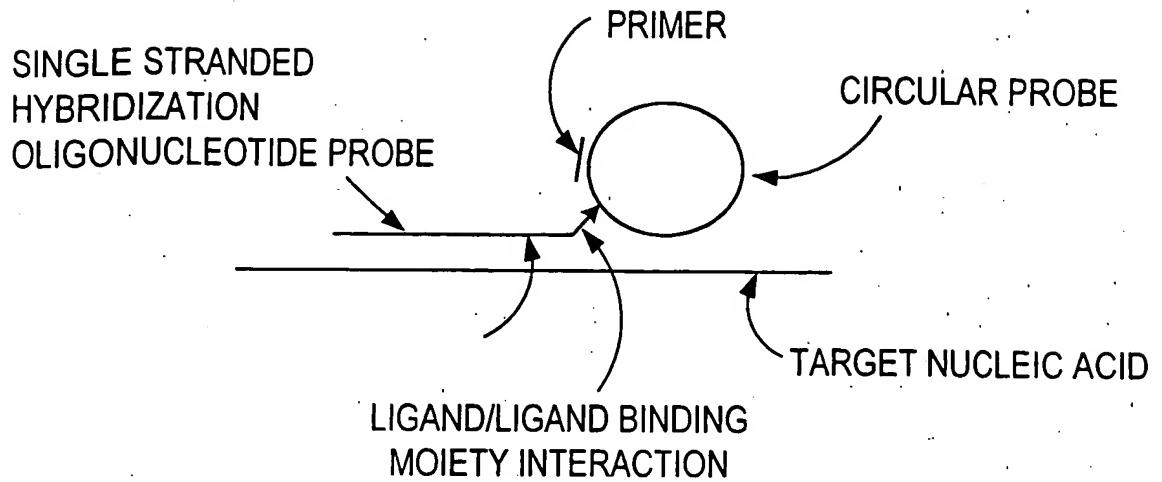
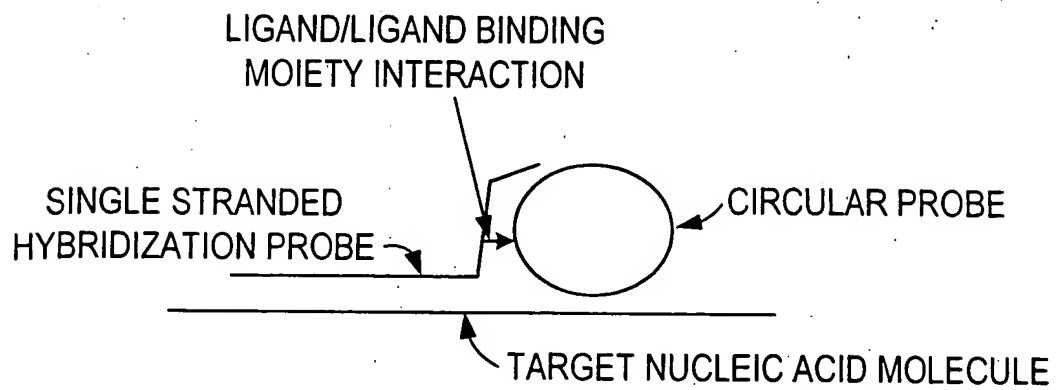


FIG. 20

*FIG. 21A**FIG. 21B*

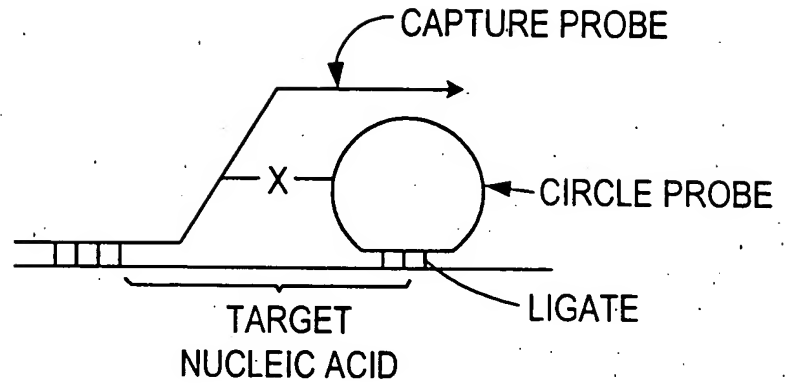


FIG. 21C

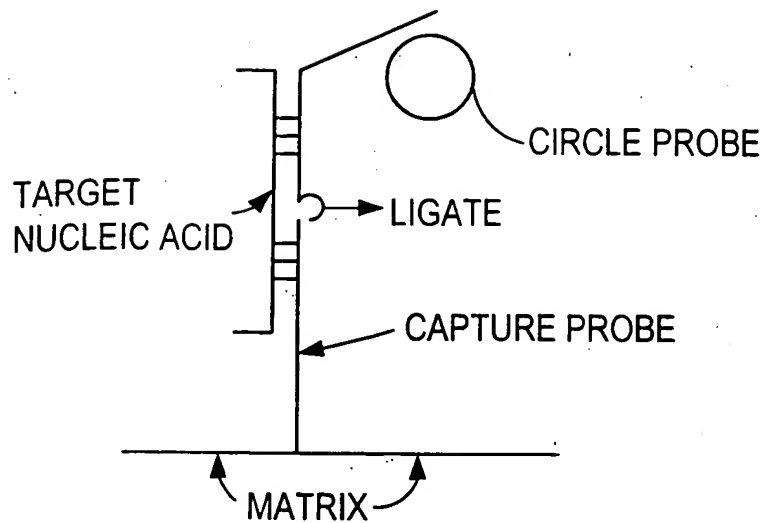


FIG. 21D

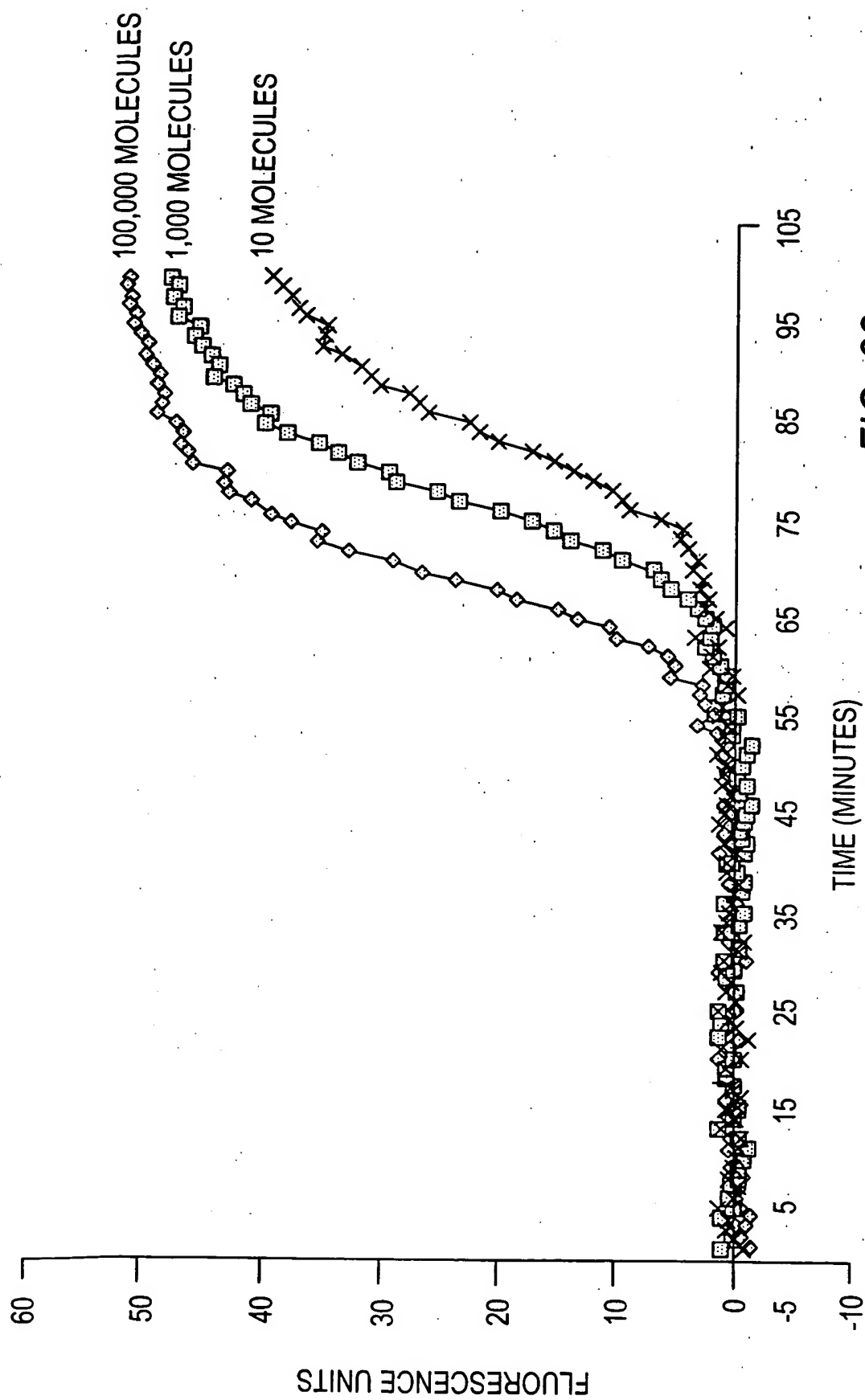
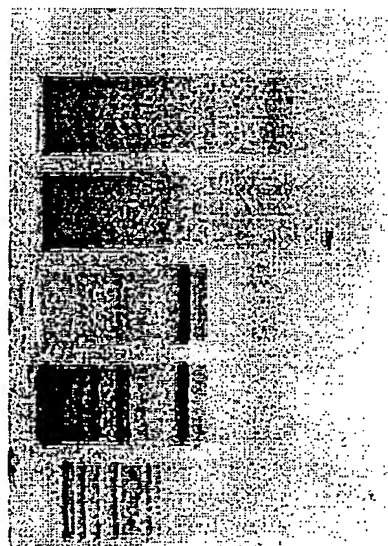


FIG. 22

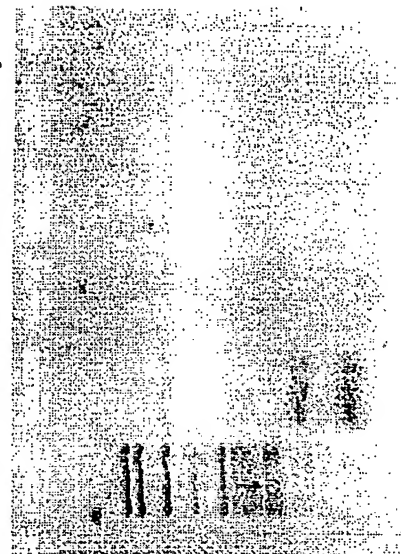
Inhibition of biotin-avidin on RAM (Bst/P29)

Marker
C-P
Biotinylated-C-P
B C-P + Avidin
B C-P + Avidin + S-P

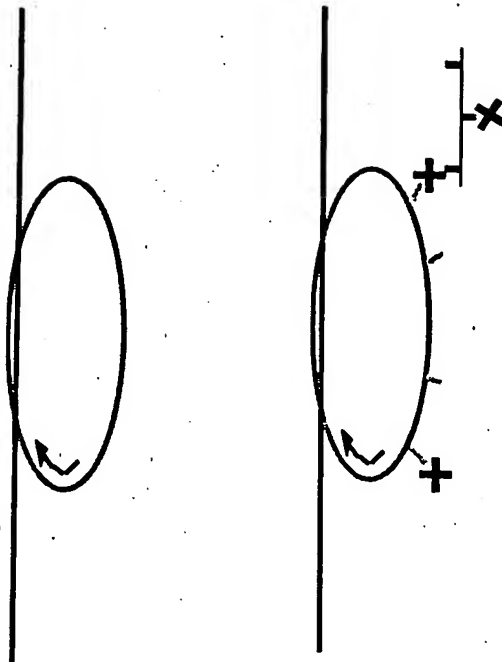
Marker
C-P
Biotinylated-C-P
B C-P + Avidin
B C-P + Avidin + S-P



Bst polymerase

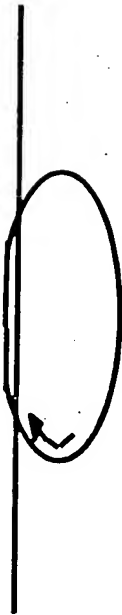


phi 29 polymerase

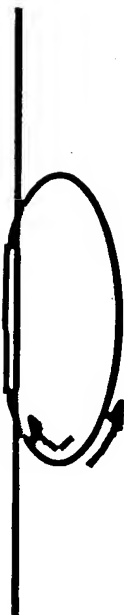


RAM with 1, 2, and 3 primers

F



E



D



108 nt —
90 nt —

A B C D E F G

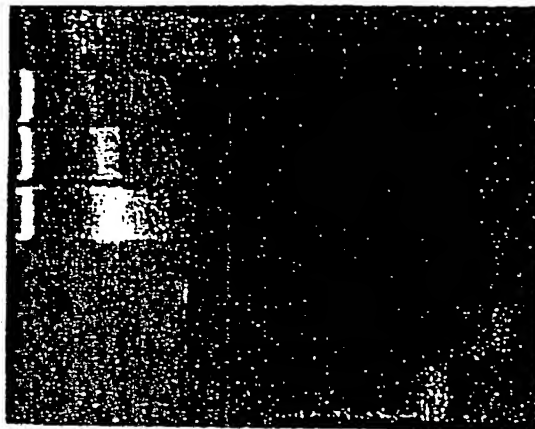
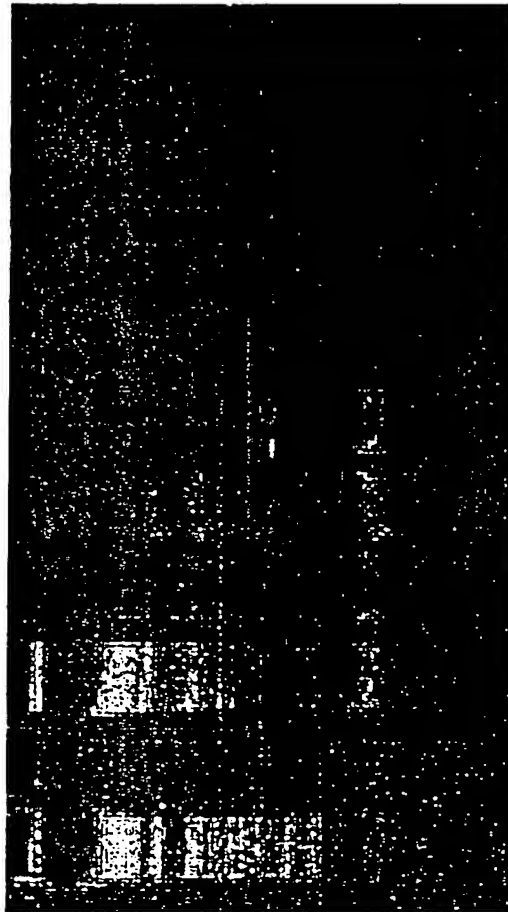


FIG. 25

M 10^{10} 10^9 10^8 10^7 10^6 10^5 10^4 0



123 bp —
110 bp —
90 bp —

FIG. 26

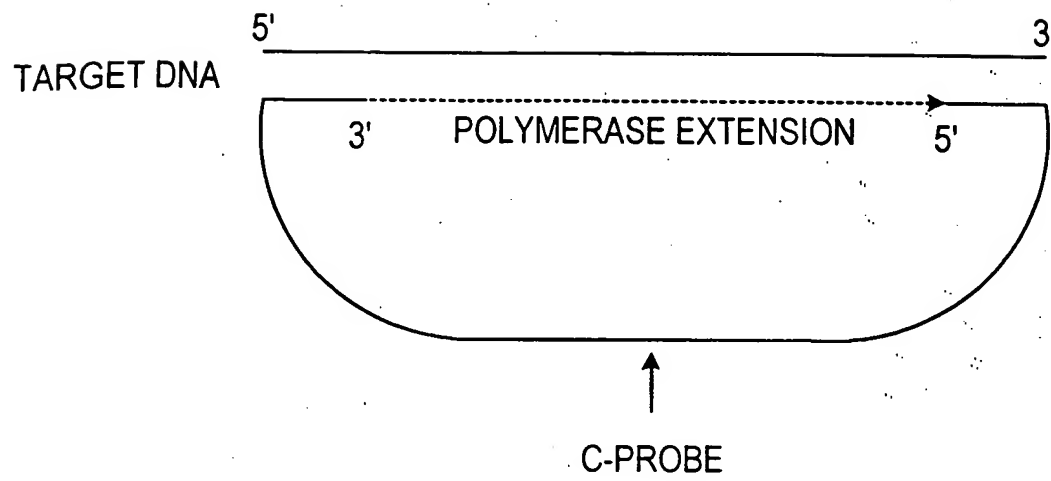


FIG. 27

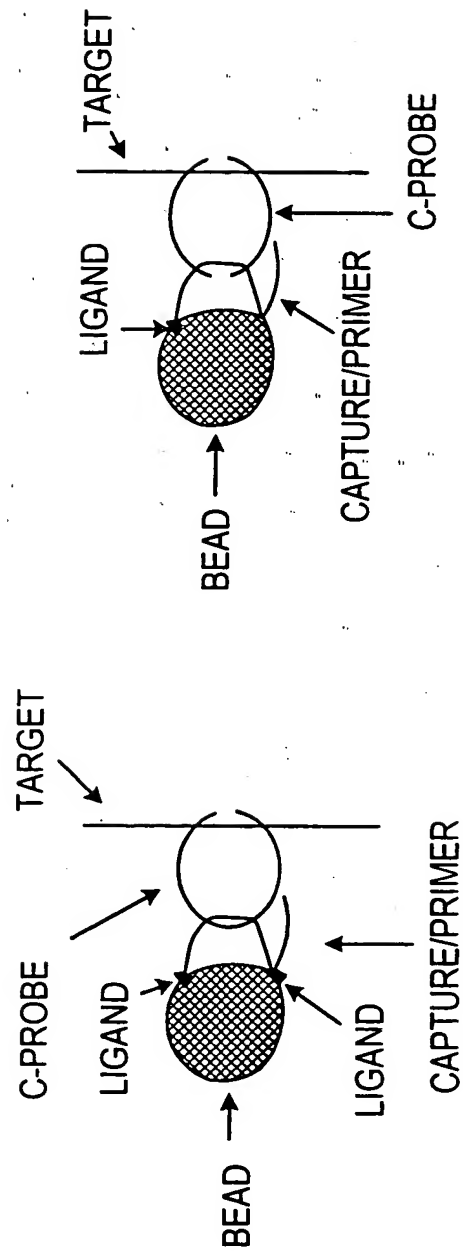


FIG. 28

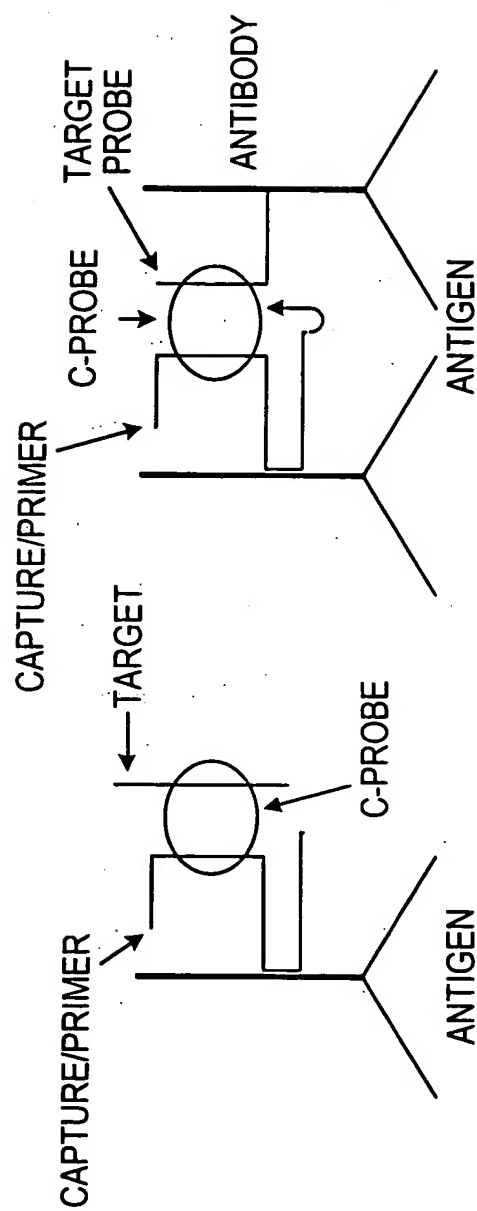


FIG. 29

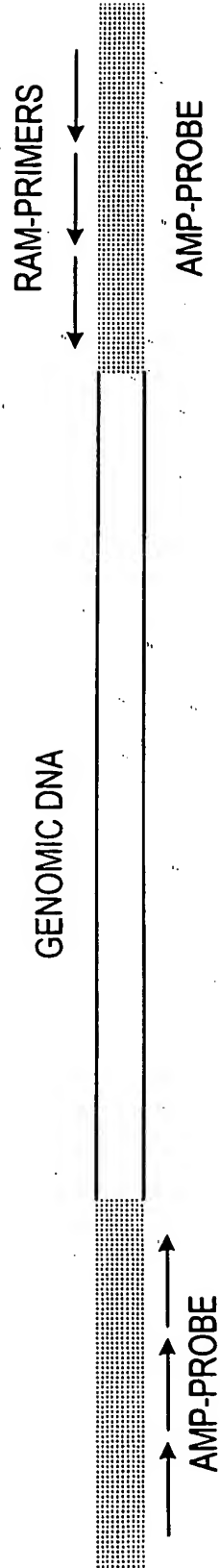


FIG. 30

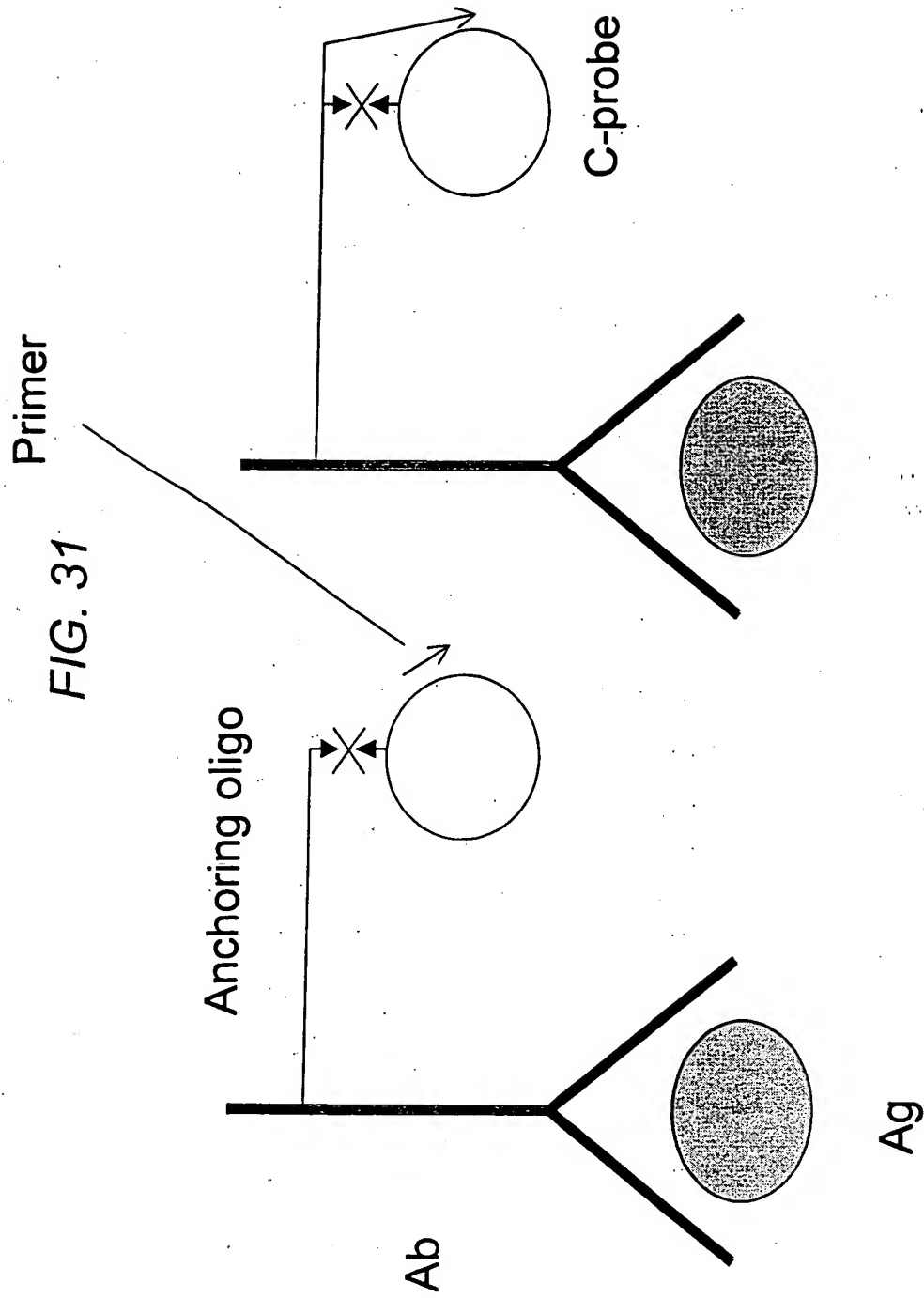


FIG. 33

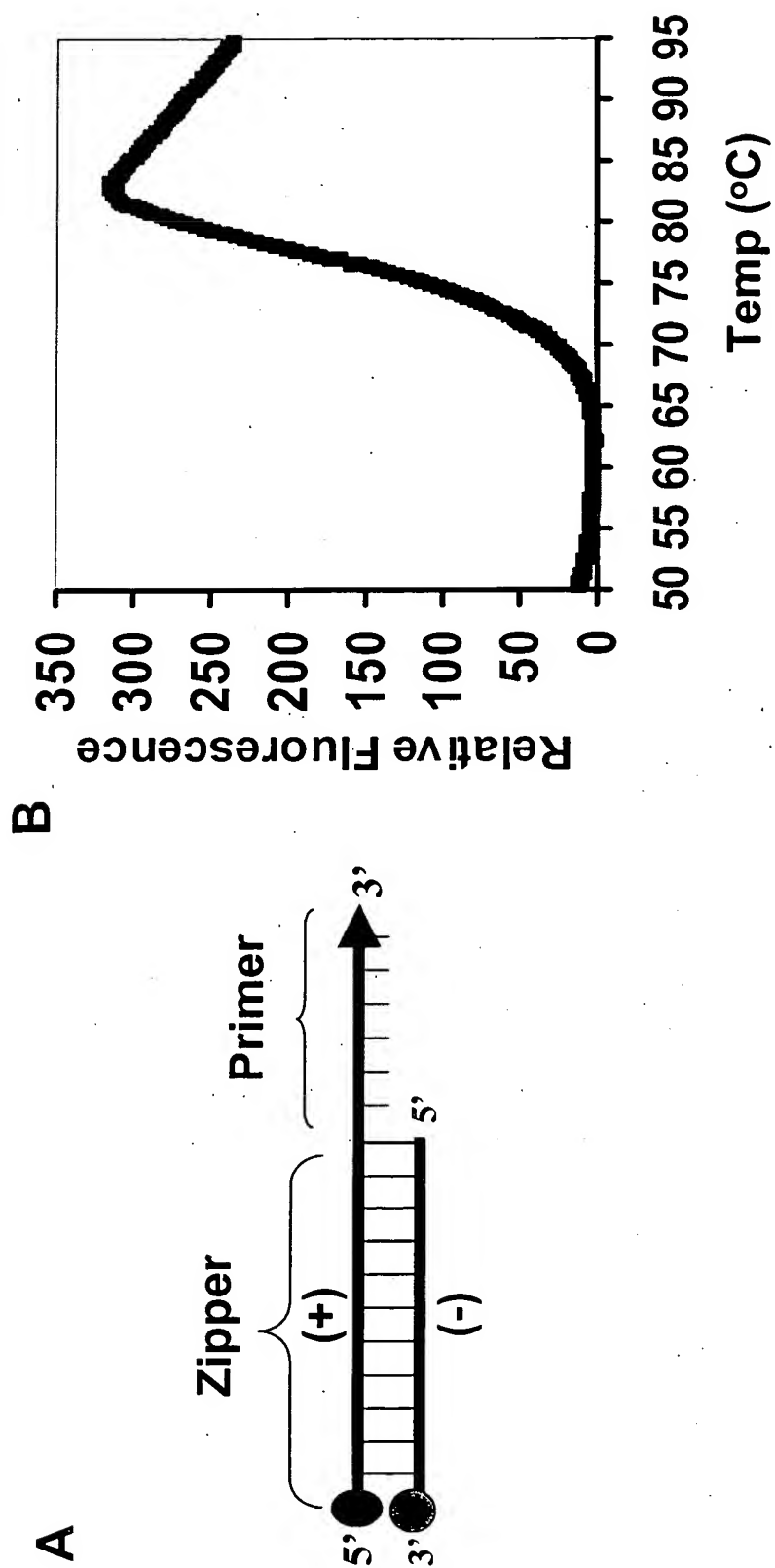


FIG. 34

